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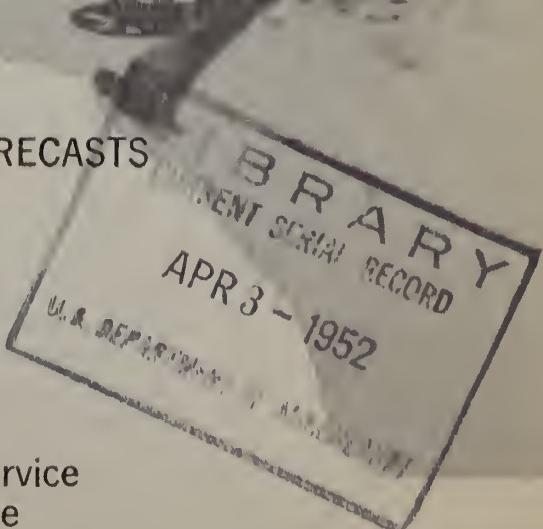
FEDERAL - STATE COOPERATIVE
SNOW SURVEYS AND IRRIGATION WATER FORECASTS

for

Nevada

By

Division of Irrigation, Soil Conservation Service
United States Department of Agriculture
Nevada Agricultural Experiment Station
and
Nevada State Engineer



As of

MAR. 1, 1952

Data included in this report were obtained by the agencies named above in cooperation with other Federal, State and local organizations listed on the last page of this report.



FEDERAL-STATE COOPERATIVE
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FOR

NEVADA

Report Prepared

by

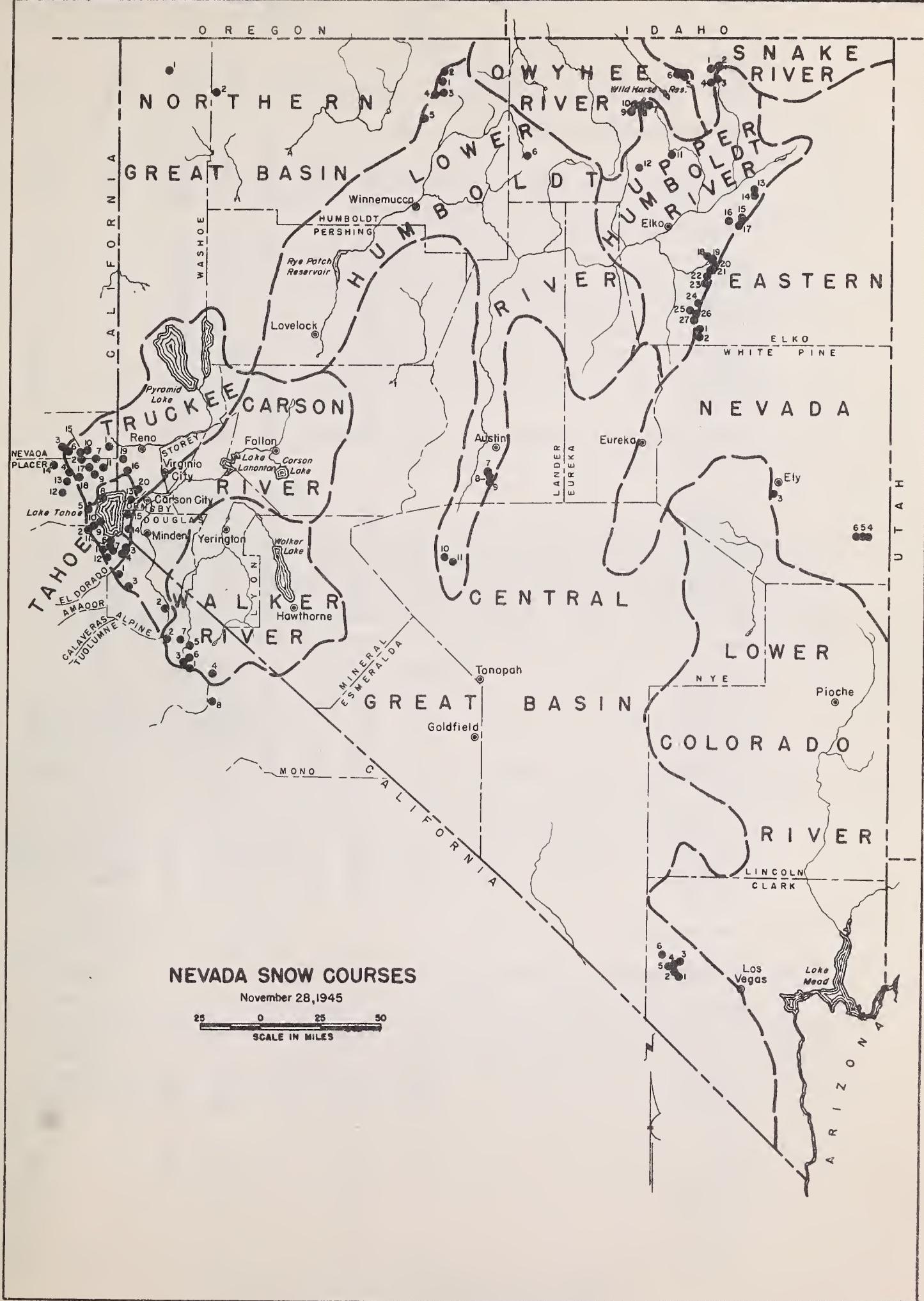
Clyde E. Houston, Irrigation Engineer

Division of Irrigation
Soil Conservation Service
Nevada Agricultural Experiment Station
Reno, Nevada

FEDERAL-STATE COOPERATIVE
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Division of Irrigation
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Reno, Nevada



INDEX TO NEVADA SNOW COURSES

Name	Nevada Number	Location			Record Began	Measuring Dates	Measured By: ^b
		Elev.	Sec.	Twp.			
SNAKE RIVER							
Bear Creek	1	7800	31	46N	58E	1932	3,4
Fox Creek	2	6800	33	46N	58E	1932	3,4
76 Creek	4	7100	6	44N	58E	1946	3,4
OWYHEE RIVER							
Gold Creek	5	6600	31	45N	56E	1932	3,4
Big Bend	6	6700	30	45N	56E	1919	3,4
Lower Jack Creek	9	6800	18	42N	53E	1921	3,4
Upper Jack Creek	10	7250	9	42N	53E	1936	3,4
Taylor Canyon	12	6200	35	39N	53E	1935	3,4
UPPER HUMBOLDT							
Fry Canyon	7	6700	31	43N	54E	1934	3,4
Rodeo Flat	8	6800	36	43N	53E	1934	3,4
Tremewan Ranch	11	5700	9	39N	55E	1932	3,4
Lower Trout Creek	13	6900	28	37N	61E	1935	3,4
Upper Trout Creek	14	8500	4	36N	61E	1935	3,4
Dorsey Basin	15	8100	28	35N	60E	1932	3,4
Ryan Ranch	16	5800	1	31N	59E	1932	3,4
Dry Creek	17	6500	5	31N	60E	1933	3,4
Lamoille #1	18	7100	15	32N	58E	1922	3,4
Lamoille #2	19	7200	14	32N	58E	1922	3,4
Lamoille #3	20	7700	24	32N	58E	1935	3,4
Lamoille #4	21	8000	19	32N	59E	1940	3,4
Lamoille #5	22	8700	31	32N	59E	1935	3,4
Green Mountain	23	8000	23	29N	57E	1935	3,4
Harrison Pass #1	24	6600	9	28N	57E	1919	3,4
Harrison Pass #2	25	7400	16	28N	57E	1930	3,4
Corral Canyon	26	8500	27	28N	57E	1935	3,4
LOWER HUMBOLDT							
Lower Buckskin	1	6700	25	45N	39E	1932	3,4
Upper Buckskin	2	7200	11	45N	39E	1932	3,4
Martin Creek	3	6700	18	44N	40E	1932	3,4
Granite Peak	4	7800	22	44N	39E	1932	3,4
Lamance Creek	5	6000	13	42N	38E	1932	3,4
Midas	6	7200	18	39N	46E	1940	3,4
Big Creek Camp Ground	7	6600	10	17N	43E	1942	3,4
Big Creek Mine	8	7600	23	17N	43E	1942	3,4
Upper Big Creek	9	7800	26	17N	43E	1942	3,4
Lower Corral	10	7500	12	11N	40E	1942	3,4
Upper Corral	11	8000	20	11N	41E	1942	3,4
EASTERN NEVADA							
Cave Creek	1	7500	25	27N	57E	1940	3,4
Hager Canyon	2	8000	34	27N	57E	1940	3,4
Murray Summit	3	7250	25	16N	62E	1937	3,4
Baker Creek #1	4	7950	29	13N	69E	1942	3,4
Baker Creek, #2	5	8950	30	13N	69E	1942	3,4
Baker Creek, #3	6	9250	25	13N	68E	1942	3,4
Berry Creek	7	9100	26	17N	65E	1948	3,4
Bird Creek	8	7500	34	19N	65E	1948	3,4
Robinson Summit	9	7600	34	18N	61E	1949	3,4
Kimberly	10	7600	18	16N	62E	1949	3,4
LOWER COLORADO							
Rainbow Canyon	1	7800	31	19S	57E	1941	3,4
Kyle Canyon	2	8200	26	19S	56E	1941	3,4
Lee Canyon #1	3	8300	10	19S	56E	1941	3,4
Lee Canyon #2	4	9000	9	19S	56E	1941	3,4
Rainbow Canyon #2	5	8100	6	20S	57E	1947	3,4
Mathew Canyon	8	6000	11	55	70E	1949	3,4
Pine Canyon	9	6200	11	6S	69E	1949	3,4
CENTRAL GREAT BASIN							
Clark Canyon	1	9000	8	19S	56E	1945	3,4
Trough Springs	2	8500	23	18S	55E	1946	3,4
McAfee Forks	3	7500	1	4S	34E	1948	3,4
NORTHERN GREAT BASIN							
Bald Mountain	1	6720	17	45N	21E	1940	3,4
Disaster Peak	2	6500	8	47N	34E	1949	3,4
TAJUE							
Marlette Lake	13	8000	13	15N	18E	1915	3,4
Daggett's Pass	14	7300	19	13N	19E	1916	4
Glenbrook #2	15	6900	13	11N	18E	1942	3,4
TRUCKEE							
Mt. Rose	16	9000	7	17N	19E	1910	4
Big Meadows	19	8800	15	16N	18E	1922	4
Little Valley	20	6300	17	16N	19E	1942	4
CARSON							
Clear Creek	4	7300	6	14N	19E	1949	3,4

a. Numerals 3 and 4 refer to March 1 and April 1.

b. Numerals refer to Agency that secures the snow survey, as follows:

- 1. U. S. Forest Service
- 2. U. S. Soil Conservation Service
- 3. Nevada Cooperative Snow Surveys
- 4. U. S. Fish and Wildlife Service
- 5. Nevada State Engineer
- 6. Kennecott Copper Corporation
- 7. Union Pacific Railroad
- 8. City of Ely, Nevada
- 9. Colorado River Commission of Nevada
- 10. Virginia City Water Company

March 1, 1952
NEVADA
PRELIMINARY WATER SUPPLY OUTLOOK

*
* March 1, 1952, snow surveys show snow stored
* water greater than normal on all measured courses in
* the State. On 48 of the 58 courses measured
* snow water is greater than ever before recorded on
* this date. There are no drought areas in the State
* at this time. There are some dangerously deep snow
* packs in the Sierra and Eastern Nevada. Reservoir
* storage on the east slope of the Sierra is being
* decreased to allow a cushion for the expected high
* spring runoff.
*

Snake River in Nevada

Snow stored water on the headwaters of Bruneau River and Salmon Falls Creek is about 50 percent greater than both last year and average. Owyhee Watershed in Nevada contains twice last years snow water on this date and twice normal. Low snow is deep with livestock unable to pasture in some areas. This has necessitated a much longer period of hay feeding.

Upper Humboldt River

Snow stored water on the northern feeders is about 190 percent of last year and 170 percent of normal for this date. On the southern feeders snow water is 180 percent of last year and 160 percent of normal. During the past winter the flow of Humboldt River has been slightly below normal.

Lower Humboldt River

Water stored in snow above Paradise Valley is about 190 percent of last year and 230 percent of normal. High water during the runoff season will probably occur. Reese River area has changed from the northern fringe of the drought area last year to nearly twice normal snow water this year. Storage in Rye Patch Reservoir was 102,000 acre feet on March 1.

Eastern Nevada

Snow depths in this area are greater than the "Haylift" year of 1948-49. The difference is in the absence of high winds that prevailed in the earlier year. Snow water above Ruby Valley is nearly 300 percent of last year and 180 percent of normal. The City of Ely is confronted with over a foot of water stored in snow on the watershed above town. This is more than three times normal for this date. Last year Baker Creek courses contained the lowest snow recorded while this year they contain the highest. Surveys on March 1 showed nearly 220 percent of normal.

Lower Colorado River in Nevada

January storms deposited record snow on the Spring Mountains near Las Vegas. Unfortunately, there has been very little precipitation since then. Snow water on March 1 was about 170 percent of normal and eight times last years low. Practically all of the early snow on Meadow Valley Wash Drainage has gone. Lake Mead stored 16,574,000 acre feet or 85 percent of the past 10 year average.

East Central Sierra Nevada

Snow stored water on the drainage into Lake Tahoe, Truckee, Carson, and Walker Rivers is far above average. Key Surveys indicate a heavy runoff season from all of these watersheds. Better than twice normal snow has been measured on practically all surveyed courses. This is true at both high and low elevations. For example, Donner Summit with a 28 year average of 33.2 inches of water contained 73.6 inches on March 1, and Boca No. 2 with a 14 year average of 7.7 inches contained 19.4 inches on that date. Elevation of Lake Tahoe on March 1 was 6227.44. All Gates were opened the latter part of January resulting in a lowering in lake level of about seven inches to date. Water is being released from Lahontan Reservoir to provide a cushion for the expectant high summer flow. Reserves are also being maintained in Bridgeport and Topaz reservoirs. Storm conditions are continuing over the Sierra during the first week in March. Present snow stored water assures runoff during the coming irrigation season approaching record high flows.

STATUS OF RESERVOIR STORAGE, MARCH 1, 1952

BASIN AND STREAM	RESERVOIR	USABLE CAPACITY (Thous. A.F.)	THOUS. ACRE FEET USABLE STORAGE ABOUT MARCH 1					10-yr. avg. 1941-1950
			1952	1951	1950	1949		
Owyhee	Wildhorse	33		18	14	5		12
Lower Humboldt	Rye Patch	178	102	78	43	56		132a
Colorado	Mohave	1,310	1,606	1,494	220		New Reservoir	
Colorado	Mead	27,217	16,574	17,255	18,268	18,197		19,261
Tahoe	Tahoe	750	550	607	182	177		429
Truckee	Boca	41	0	0	6	0		10
Carson	Lahontan	286	173	251	164	175		215
West Walker	Topaz	59	42	59	19	19		39
East Walker	Bridgeport	42	32	42	17	13		32

a - Average for years 1943 - 1950

NEVADA SNOW SURVEYS MARCH 1, 1952

DRAINAGE BASIN AND SNOW COURSE	SNOW COVER MEASUREMENTS										Av. Water Content (inches)	Past Record		
	Number	Sec.	Typ.	Rge.	Elev.	Date of Survey	Snow Depth (inches)	Same Approx. Date Years of Record						
								1951	1950	1951				
SNAKE RIVER														
Bear Creek	1	31	46N	58E	7800	2/28	74.1	24.3	18.0	17.8	20	16.1		
Fox Creek	2	33	46N	58E	6800	2/29	46.6	14.3	8.6	8.1	20	8.6		
76 Creek	4	6	44N	58E	7100	No	Survey	16.5	11.3	6	6	12.3		
Gold Creek	5	31	45N	56E	6600	No	Survey	7.2	5.4	20	20	6.7		
Big Bend	6	30	45N	56E	6700	3/2	52.5	12.2	11.1	8.4	23	9.1		
OWYHEE RIVER														
Lower Buckskin	1	25	45N	39E	6700	No	Survey	12.0	7.8	18	18	6.3		
Upper Buckskin	2	11	45N	39E	7200	No	Survey	8.0	6.0	18	18	9.9		
Martin Creek	3	18	44N	40E	6700	3/1	52.8	21.2	9.1	7.3	20	7.9		
Granite Peak	4	22	44N	39E	7800	3/2	60.2	23.0	13.9	9.3	20	9.7		
Gold Creek	5	31	45N	56E	6600	No	Survey	7.2	5.4	20	20	6.7		
Big Bend	6	30	45N	56E	6700	3/2	52.5	12.2	11.1	8.4	23	9.1		
Fry Canyon	7	31	43N	54E	6700	3/4	55.8	16.5	7.8	7.0	18	9.1		
Rodeo Flat	8	36	43N	53E	6800	3/4	54.0	15.1	8.8	7.1	18	9.2		
Lower Jack Creek	9	18	42N	53E	6800	3/5	30.2	7.9	1.0	0	24	4.6		
Upper Jack Creek	10	9	42N	53E	7250	No	Survey	9.9	6.8	16	16	9.8		
Tremewan Ranch	11	9	39N	55E	5700	3/5	25.2	7.0	0.7	0	20	2.6		
Taylor Canyon	12	35	39N	53E	6200	3/4	42.8	12.0	2.4	2.3	17	5.6		

NEVADA SNOW SURVEYS MARCH 1, 1952

DRAINAGE BASIN AND SNOW COURSE	Number	Sec.	Twp.	Rge.	Elev.	Date	Snow Depth (inches)	Water Content (inches) Past Record			Av. Water Content Record (inches)	
								Same Approx. Date Years				
								1952	1951	1950		
UPPER HUMBOLDT												
Bear Creek	1	31	46N	58E	7800	2/28	74.1	24.3	18.0	17.8	16.1	
Fox Creek	2	33	46N	58E	6800	2/29	46.3	14.8	8.6	8.1	8.6	
76 Creek	4	6	44N	58E	7100	No Survey		16.5	11.3	6	12.3	
Gold Creek	5	31	45N	56E	6600	No Survey		7.2	5.4	5.4	6.7	
Big Bend	6	30	45N	56E	6700	3/2	52.5	12.2	11.1	8.4	23	
Fry Canyon	7	31	43N	54E	6700	3/4	55.8	16.5	7.8	7.0	18	
Rodeo Flat	8	36	43N	53E	6800	3/4	53.9	15.1	8.8	7.1	18	
Lower Jack Creek	9	18	42N	53E	6800	3/5	30.4	7.9	1.0	0	24	
Upper Jack Creek	10	9	42N	53E	7250	No Survey			9.9	6.8	16	
Tremewan Ranch	11	3	39N	55E	5700	3/5	25.2	6.9	0.7	0	20	
Taylor Canyon	12	35	39N	53E	6200	3/4	42.8	12.0	2.4	2.3	17	
Lower Trout Creek	13	28	37N	61E	6900	3/3	34.4	9.3	0.9	1.9	15	
Upper Trout Creek	14	4	36N	61E	8500	3/3	81.1	26.9	25.9	20.5	16	
Dorsey Basin	15	28	35N	60E	8100	3/5	60.6	13.7	14.4	7.4	20	
Ryan Ranch	16	1	34N	59E	5800	3/3	21.6	5.3	0	0	20	
Dry Creek	17	5	34N	60E	6500	3/2	40.5	11.8	1.1	2.7	18	
Lamoille #1	18	15	32N	58E	7100	2/28	49.6	16.0	5.3	9.5	26	
Lamoille #2	19	14	32N	58E	7200	2/29	44.8	13.9	7.0	9.7	25	
Lamoille #3	20	24	32N	58E	7700	2/29	54.7	18.6	12.0	11.6	17	
Lamoille #4	21	19	32N	59E	8000	2/29	68.9	25.7	17.4	17.7	11	
Lamoille #5	22	31	32N	59E	8700	No Survey			No Survey	29.4	16	
Green Mountain	23	23	29N	57E	8000	No Survey			5.6	12.1	16	
Harrison Pass #1	24	9	28N	57E	6600	3/3	40.7	10.8	0.6	0	23	
Harrison Oasis #2	25	16	28N	57E	7400	No Survey			0.9	2.6	21	
Corral Canyon	26	27	28N	57E	8500	No Survey			14.0	17.0	16	
											14.5	

NEVADA SNOW SURVEYS MARCH 1, 1952

BRAINAGE BASIN AND SNOW COURSE	Number Sec.	Twp.	Rge.	Elev.	Date	Snow Depth (inches)	SNOW COVER MEASUREMENTS			Water Content (inches) Past Record Same Approx. Date Years of Record (inches)	
							1952	1951	1950		
LOWER HUMBOLDT											
Lower Buckskin	1	25	45N	39E	6700	No	Survey	11.3	7.8	18	
Upper Buckskin	2	11	45N	39E	7200	No	Survey	8.0	6.0	18	
Martin Creek	3	18	44N	40E	6700	3/2	52.8	21.2	9.2	9.9	
Granite Peak	4	22	44N	39E	7800	3/2	60.2	23.0	13.9	7.9	
Lamance Creek	5	13	42N	38E	6000	3/4	41.9	19.5	10.2	9.7	
Midas	6	18	39N	46E	7200	No	Survey	5.6	5.6	20	
Big Creek Camp Ground	7	10	17N	43E	6600	3/3	22.3	5.6	0.9	10	
Big Creek Mine	8	23	17N	43E	7600	No	Survey	1.5	0.9	10	
Upper Big Creek	9	26	17N	43E	8000	No	Survey	2.9	3.0	9	
Lower Corral	10	12	11N	40E	7500	3/1	16.2	3.1	0	6.4	
Upper Corral	11	20	11N	41E	8500	3/1	35.6	8.9	1.0	1.7	
EASTERN NEVADA											
Cave Creek	1	25	27N	57E	7500	3/3	69.8	28.4	8.7	13.3	
Hager Canyon	2	34	27N	57E	8000	3/3	78.8	30.2	19.7	17.5	
Murray Summit	3	25	16N	62E	7250	3/3	41.5	12.6	0	11	
Baker #1	4	29	13N	69E	7950	2/28	45.5	16.5	1.5	15	
Baker #2	5	30	13N	69E	8950	2/28	76.3	26.4	9.3	5.7	
Baker #3	6	25	13N	68E	9250	2/28	80.4	30.6	11.2	10	
Berry Creek	7	26	17N	65E	9100	3/1	67.7	23.1	10.7	15.4	
Bird Creek	8	34	19N	65E	7500	2/29	29.8	8.1	0	7	
Robinson Summit	9	34	18N	61E	7600	3/3	41.5	13.4	0	13.8	
Kimberly	10	18	16N	62E	7600	3/3	43.3	13.5	0.8	4	

NEVADA SNOW SURVEYS MARCH 1, 1952

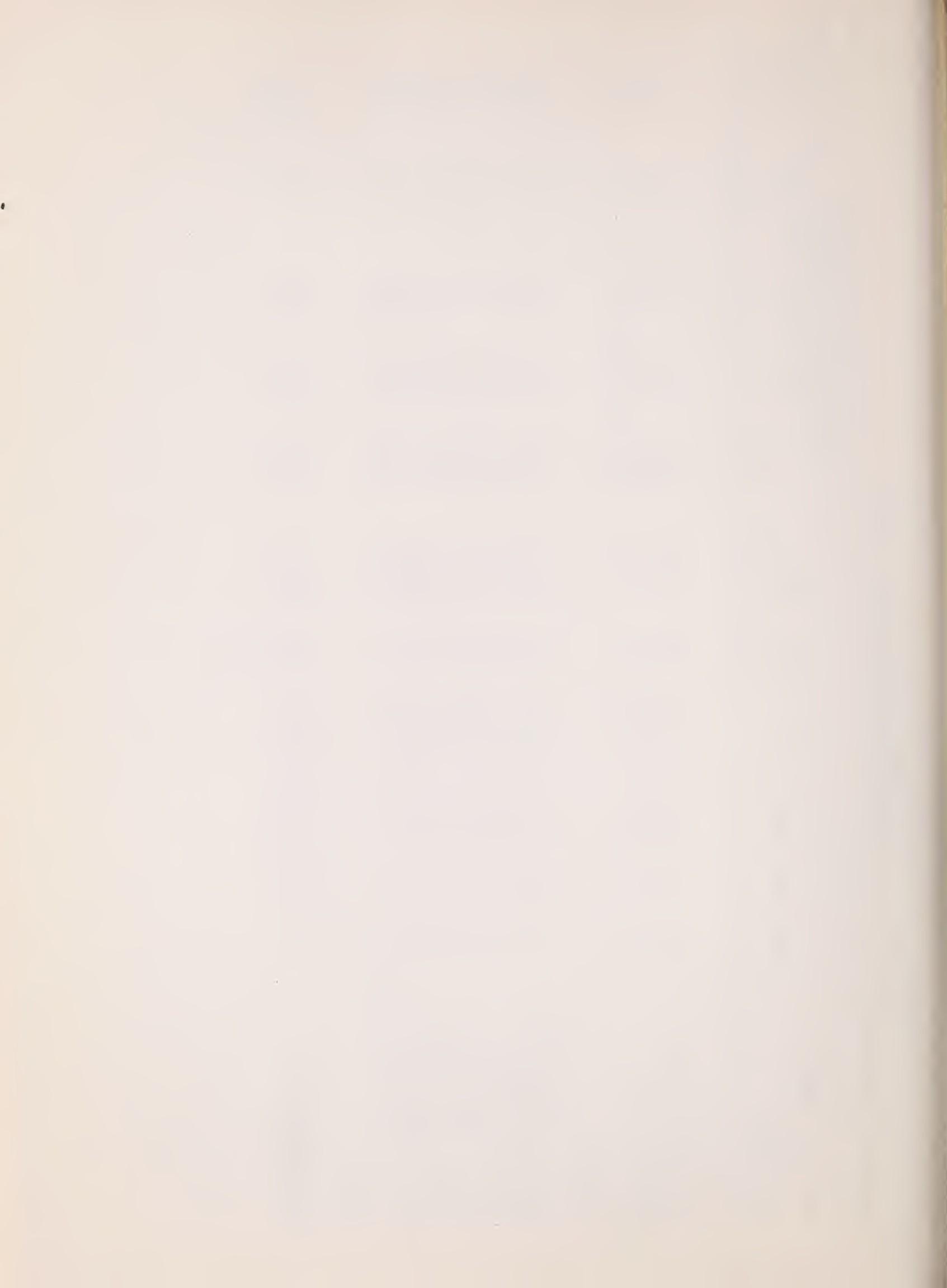
LOCATION		SNOW COVER MEASUREMENTS				PAST RECORD			
RAINBOW BASIN AND SNOW COVERAGE		Number Sec.	Twp.	Rge.	Elev. of Survey (inches)	Date Snow Dept!	Water Content (inches)	Same Approx. Date Years of Record (inches)	Av. Water Content Record (inches)
LOWER COLORADO									
Rainbow Canyon	1	31	19S	53E	7800	2/26	65.0	64.6	9.2
Kyle Canyon	2	26	19S	56E	8200	2/26	55.8	10.8	11.1
Lee Canyon	1	3	10	19S	56E	8300	2/24	43.5	11.6
Lee Canyon	2	4	9	19S	56E	9000	2/24	47.7	15.0
Rainbow Canyon	2	5	6	20S	57E	8100	2/26	76.5	28.8
Mathew Canyon	8	11	5S	70E	6000	2/27	4.7	1.6	1.9
Pine Canyon	9	11	6S	69E	6200	2/28	7.9	2.2	1.0
CENTRAL GREAT BASIN									
Clark Canyon	1	8	19S	56E	9000	2/24	36.6	11.8	2.8
Trough Springs	2	23	18S	55E	8500	2/25	38.6	13.5	2.9
NORTHERN GREAT BASIN									
Bald Mountain	1	17	45N	21E	6720	2/28	31.9	10.3	4.0
Disaster Peak	2	8	47N	34E	6500	3/1	102.2	46.7	16.7
TAHOE									
Hagans Meadow (Cal.)	3	36	12N	18E	8000	3/2	95.0	34.1	No Surveys
Freels Bench (Cal.)	4	36	12N	18E	7300	3/2	71.6	27.3	No Survey 16.3
Ward Creek (Cal.)	5	21	15N	16E	7000	3/2	189.8	80.5	28.6 44.8
Upper Truckee (Cal.)	7	21	12N	18E	6400	3/1	66.5	25.0	6.0 13.4
Tahoe City (Cal.)	8	6	15N	17E	6250	2/29	75.6	32.1	5.9 15.1

NEVADA SNOW SURVEYS MARCH 1, 1952

DRAINAGE BASIN AND SNOW COURSE	Number Sec.	Twp.	Rge.	Elev. of Survey (inches)	Date of Survey	Snow Depth (inches)	SNOW COVER MEASUREMENTS		
							Water Content (inches)	Same Approx. Date	Years of Record
TAHOE (Con't.)									
Echo Summit (Cal.)	12	6	11N	18E	7500	2/29	167.7	68.8	24.9
Marlette Lake	13	13	15N	18E	8000	3/3	97.2	36.1	12.1
Glenbrook	15	13	14N	18E	6900	3/1	73.4	24.9	No Survey
TRUCKEE									
Donner Summit (Cal.)	4	25	17N	14E	6900	2/27	174.1	73.6	23.7
Ward Creek (Cal.)	5	21	15N	16E	7000	3/2	189.8	80.5	28.6
Tahoe City (Cal.)	8	6	15N	17E	6250	2/29	75.6	32.1	5.9
Boca 2 (Cal.)	11	28	18N	17E	5900	3/2	48.5	19.4	3.3
Furnace Flat (Cal.)	12	10	17N	13E	6600	2/28	191.2	84.7	32.4
Fordyce Lake (Cal.)	13	34	18N	13E	6500	2/28	172.0	70.0	27.5
Soda Springs (Cal.)	14	23	17N	14E	6750	2/27	162.8	67.1	20.3
Truckee Ranger Sta. (Cal.)	17	10	17N	16E	6000	3/2	74.6	30.2	7.0
CARSON									
Carson Pass (Cal.)	1	22	10N	18E	8600	3/2	131.9	55.4	22.4
Clear Creek	4	6	14N	19E	7300	2/29	75.4	29.4	6.7

TAHOE (Con't.)

Number Sec.	Twp.	Rge.	Elev. of Survey (inches)	Date of Survey	Snow Depth (inches)	Water Content (inches)	Same Approx. Date	Years of Record	Past Record
12	6	11N	18E	7500	2/29	167.7	68.8	24.9	30.3
13	13	15N	18E	8000	3/3	97.2	36.1	12.1	20.9
15	13	14N	18E	6900	3/1	73.4	24.9	No Survey	11.7
TRUCKEE									
4	25	17N	14E	6900	2/27	174.1	73.6	23.7	33.2
5	21	15N	16E	7000	3/2	189.8	80.5	28.6	44.8
8	6	15N	17E	6250	2/29	75.6	32.1	5.9	15.1
11	28	18N	17E	5900	3/2	48.5	19.4	3.3	8.2
12	10	17N	13E	6600	2/28	191.2	84.7	32.4	44.1
13	34	18N	13E	6500	2/28	172.0	70.0	27.5	38.1
14	23	17N	14E	6750	2/27	162.8	67.1	20.3	33.9
17	10	17N	16E	6000	3/2	74.6	30.2	7.0	29.5
CARSON									
1	22	10N	18E	8600	3/2	131.9	55.4	22.4	37.4
4	6	14N	19E	7300	2/29	75.4	29.4	6.7	14.4



The following table gives results
of February 1 snow surveys which
have not been published.

NEVADA SNOW SURVEYS FEBRUARY 1, 1952

LOCATION

SNOW COVER MEASUREMENTS

DRAINAGE BASIN AND SNOW COURSE	Number	Sec.	Typ.	Elev.	Date Survey	Snow Depth (inches)	Water Content (inches)			Content Record (Inches)
							Same Approx.	Date	Years	
UPPER HUMBOLDT										
Gold Creek	5	31	45N	56E	6600	2/1	36.2	8.5	5.3	4.5
Big Bend	6	30	45N	56E	6700	2/1	48.4	12.5	8.5	7.5
Fry Canyon	7	31	43N	54E	6700	2/3	45.2	13.3	6.1	6.1
Rodeo Flat	8	36	43N	53E	6800	2/3	42.0	13.0	6.2	7.1
EASTERN NEVADA										
Murray Summit	3	25	16N	62E	7250	1/28	34.6	9.6	0	No Survey
Robinson Summit	9	34	18N	61E	7600	1/28	35.8	10.8	0	No Surveys
Kimberly	10	18	16N	62E	7600	1/28	38.1	11.5	0	No Surveys
LOWER COLORADO										
Rainbow Canyon	1	31	19S	57E	7800	1/19	76.5	22.7	22.7	No Surveys
Mathew Canyon	8	11	5S	70E	6000	1/29	8.7	1.9	0	2.9
Pine Canyon	9	11	6S	69E	6200	1/28	8.2	1.8	0	4.2
TAHOE										
Freel Bench (Cal)	4	36	12N	18E	7300	1/28	75.3	24.2	24.2	No Surveys
Upper Truckee (Cal)	7	21	12N	18E	6400	2/3	63.1	22.0	5.5	No Survey
Tahoe City (Cal)	8	6	15N	17E	6250	1/31	76.2	28.5	5.7	5.7
Richardsons #2 (Cal)	11	6	12N	18E	6500	2/3	91.4	31.9	7.2	No Surveys
Glenbrook #2	15	13	14N	18E	6900	2/3	69.1	20.6	20.6	No Surveys
Echo Summit (Cal)	12	6	11N	18E	7500	2/2	159.5	59.4	18.2	29.3
										10

NEVADA SNOW SURVEYS FEBRUARY 1, 1952

DRAINAGE BASIN AND SNOW COURSE	LOCATION						SNOW COVER MEASUREMENTS											
	Number	Sec.	Twp.	Rge.	Elev. of Survey	Snow Depth	Date	Same Approx. of Record	Years of Record	Av. Water Content (inches)	Past Record							
							1952				1951	1950						
TRUCKEE																		
Donner Summit	4	25	17N	14E	6900	1/29	158.4	60.3	15.8	26.5	30	21.9						
Sagehen Creek (Cal)	7	7	18N	16E	6500	1/30	107.5	35.4	No Surveys	8	12.4							
Tahoe City (Cal)	8	6	15N	17E	6250	1/31	76.2	28.5	5.7	15.6	18	8.9						
Bryca #2 (Cal)	11	28	18N	17E	5900	1/29	56.9	18.2	No Surveys	4	4.7							
Soda Springs (Cal)	14	23	17N	14E	6750	1/29	152.5	55.6	14.3	25.6	22	20.3						
Truckee Ranger Sta. (Cal)	17	10	17N	16E	6000	1/29	81.8	26.3	5.3	11.6	2	8.5						
Donner Lake (Cal)	18	14	17N	15E	5950	1/29	117.4	39.7	No Surveys	4	13.2							
CARSON & WALKER																		
Carson Pass (Cal)	1	22	10N	18E	8600			17.3	28.1	21	20.9							
CENTRAL GREAT BASIN																		
Lapon Meadow	4	36	8N	28E	9000	2/4	22.1	6.9	new snow course									
Mt. Grant	5	23	8N	26E	9000	2/4	27.0	8.0	" "									

NEVADA COOPERATIVE SNOW SURVEYS

Agencies Cooperating in Collecting Data Contained in
this Bulletin.

FEDERAL

Soil Conservation Service
Forest Service
Geological Survey
Bureau of Reclamation
Fish and Wildlife Service
Army
Navy

STATE

Nevada State Engineer
Nevada Agricultural Experiment Station
Colorado River Commission of Nevada
California Cooperative Snow Surveys
California Division of Water Resources
Oregon Cooperative Snow Surveys

PUBLIC AGENCIES

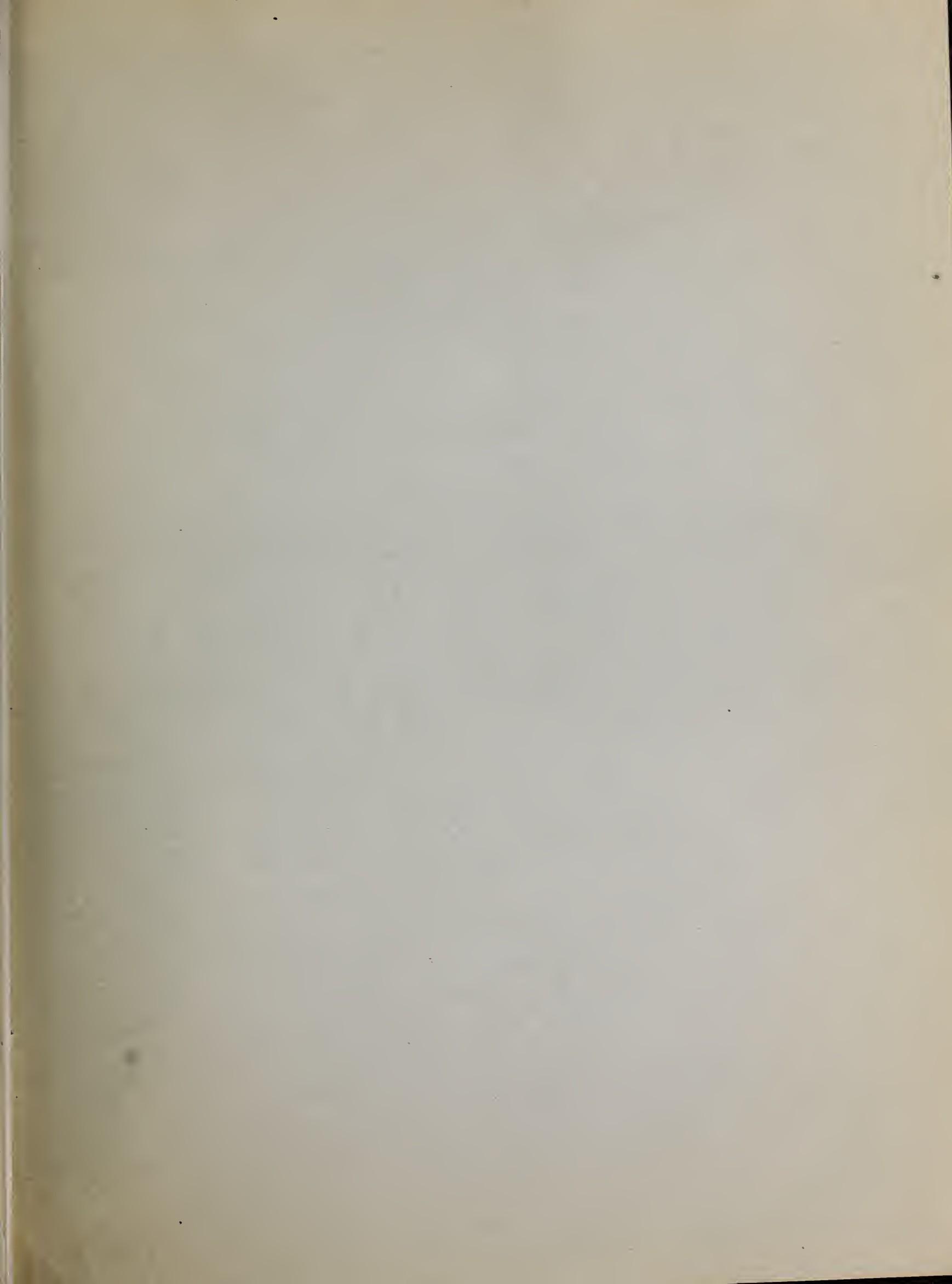
Truckee-Carson Irrigation District
Washoe County Water Conservation District
Walker River Irrigation District
Owyhee Project

PRIVATE UTILITIES

Sierra Pacific Power Company
Virginia City Water Company

PRIVATE ORGANIZATIONS

Amalgamated Sugar Company
Kennebott Copper Corporation



Federal - State - Private
COOPERATIVE SNOW SURVEYS

Furnishes the basic data
necessary for forecasting
water supply for irrigation,
domestic and municipal water
supply, hydro-electric power
generation, navigation,
mining and industry

"WATER IS THE WEST'S GREATEST RESOURCE"